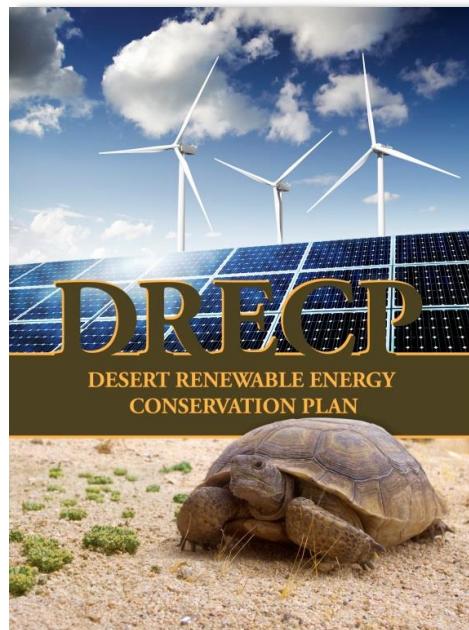


Desert Renewable Energy Conservation Plan Proposed Land Use Plan Amendment and Final Environmental Impact Statement

Volume IV: Environmental Consequences/Effects Analysis



Prepared by:

U.S. Bureau of Land Management



In Partnership with:

U.S. Fish and Wildlife Service

California Energy Commission

California Department of Fish and Wildlife

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ACRONYM LIST

ACEC	Area of Critical Environmental Concern
ACHP	Advisory Council on Historic Preservation
ACS	American Community Survey
ADA	Available Development Area
AET	actual evapotranspiration
AFY	acre-feet per year
AML	appropriate management level
APCD	Air Pollution Control District
APE	Area of Potential Effects
APP	Avian Protection Plan
AQMD	Air Quality Management District
BBOS	Bird and Bat Operational Strategy
BLM	Bureau of Land Management
BMP	best management practice
CARB	California Air Resources Board
CASGEM	California Statewide Groundwater Elevation Monitoring Program
CBC	California Building Code
CBI	Conservation Biology Institute
CDCA	California Desert Conservation Area
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CHP	California Highway Patrol
CMA	Conservation and Management Action
CMAGR	Chocolate Mountains Aerial Gunnery Range
CMP	Congestion Management Plan
CNDDDB	California Natural Diversity Database
CONS	Ecological and Cultural Conservation Area
COS	Condor Operations Strategy
CPUC	California Public Utilities Commission
CRG	Cultural Resources Geodatabase
CRHR	California Register of Historical Resources
CSLC	California State Lands Commission
CWA	Clean Water Act
DFA	Development Focus Area
DOD	Department of Defense
DOI	Department of the Interior
DRECP	Desert Renewable Energy Conservation Plan

DWMA	Desert Wildlife Management Area
DWR	Department of Water Resources
EA	Environmental Assessment
EAFB	Edwards Air Force Base
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
ERMA	Extensive Recreation Management Area
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FLPMA	Federal Land Policy and Management Act of 1976
FMMP	Farmland Mapping and Monitoring Program
FONSI	Findings of No Significant Impact
FTA	Federal Transit Administration
GFDL	Geophysical Fluid Dynamics Laboratory
GHG	greenhouse gas
GIS	geographic information system
GMDG	ground-mounted distributed generation
GMMP	Groundwater Monitoring and Reporting Plans, and Mitigation Action Plan
HMA	Herd Management Area
HTF	heat transfer fluids
HVH	High/Very High
I-10	Interstate 10
KGRA	Known Geothermal Resource Area
LCRAS	Lower Colorado River Accounting Surface
LLPA	Legislatively and Legally Protected Area
LUPA	Land Use Plan Amendment
LVL	Low/Very Low
LWC	land with wilderness characteristics
MCAGCC	Marine Corps Air-Ground Combat Center
MCAS	Marine Corps Air Station
MEML	Military Expansion Mitigation Land
MET	meteorological
MOA	Memorandum of Agreement
MTCO ₂ E	metric tons carbon dioxide equivalent
MU	Moderate/Unknown
MUC	multiple-use class
MW	megawatt
N/A	not applicable
NAE	Native American Element
NAF	Naval Air Facility

NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
NAWS	Naval Air Weapons Station
NECO	Northern and Eastern Colorado Desert Management Plan
NEMA	National Electrical Manufacturers Association
NEMO	Northern and Eastern Mojave Desert Management Plan
NEPA	National Environmental Policy Act
NHD	National Hydrography Dataset
NHPA	National Historic Preservation Act
NHT	National Historic Trail
NLCS	National Landscape Conservation System
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRHP	National Register of Historic Places
NSHT	National Scenic and Historic Trail
NWR	National Wildlife Refuge
OHP	Office of Historic Preservation
OHV	off-highway vehicle
OP	Operational
PA	Programmatic Agreement
PCM	Parallel Climate Model
PEIS	Programmatic Environmental Impact Statement
PET	potential evapotranspiration
PFC	proper functioning conditions
PFYC	Potential Fossil Yield Classification
POD	plan of development
PPA	Power Purchase Agreement
PTNCL	Prehistoric Trails Network Cultural Landscape
PV	photovoltaic
RAMP	Recreation Area Management Plan
RCRA	Resource Conservation and Recovery Act
REAT	Renewable Energy Action Team
REMAP	Riverside Extended Mountain Area Plan
RMP	Resource Management Plan
ROD	Record of Decision
ROW	right-of-way
RPS	Renewable Portfolio Standard
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SEGS	Solar Electric Generating System

SEZ	Solar Energy Zone
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SPEIS	Solar Programmatic Environmental Impact Statement
SR-177	State Route 177
SRMA	Special Recreation Management Area
SRP	Special Recreation Permit
SVRA	State Vehicle Recreation Area
TCA	tortoise conservation areas
TCP	Traditional Cultural Properties
TES	thermal energy storage
TMA	Travel Management Area
TTG	Transmission Technical Group
TTMP	Trails and Travel Management Plan
UC	Under Construction
UER	Under Environmental Review
URTD	upper respiratory tract disease
USGS	U.S. Geological Survey
VRI	Visual Resource Inventory
VRM	Visual Resource Management
WEMO	West Mojave
WMRNP	Route Network Project
WSA	wilderness study area